

**CLAIMS**

1. A wireless microphone communication system comprising:
  - one or more controllers having LAN interfaces; and
  - one or more receivers having the LAN interfaces and being configured to receive a radio wave from a transmitter of a wireless microphone;
  - wherein the one or more receivers are coupled to the one or more controllers on LAN;
  - each controller is coupled to a corresponding display device;
  - each controller receives, from the one or more receivers, information of the receiver through the LAN; and
  - each controller causes the received information of the receiver to be displayed on the corresponding display device.
  
2. A wireless microphone communication system comprising:
  - one or more controllers that have LAN interfaces and are coupled to a receiver configured to receive a radio wave from a transmitter of a wireless microphone; and
  - one or more controllers that have the LAN interfaces and are not coupled to the receiver;
  - wherein the controllers are coupled on LAN;
  - each controller is coupled to a corresponding display device;
  - each controller receives, through the LAN, information of the receiver coupled to another controller from the another controller coupled to the receiver;
  - each controller that is not coupled to the receiver causes the information of the receiver that has been received through the LAN to be displayed on the corresponding display device;
  - and

each controller that is coupled to the receiver causes the information from a corresponding receiver and the information of the receiver that has been received through the LAN to be displayed on the corresponding display device.

3. A wireless microphone communication system comprising:

a plurality of controllers that have LAN interfaces and are coupled to a receiver configured to receive a radio wave from a transmitter of a wireless microphone;

wherein the controllers are coupled on LAN;

each controller is coupled to a corresponding display device;

each controller receives, through the LAN, information of the receiver coupled to another controller from the another controller coupled to the receiver; and

each controller causes the information from a corresponding receiver and the information of the receiver that has been received through the LAN to be displayed on the corresponding display device.

4. The wireless microphone communication system according to any one of claims 1 to 3, wherein each controller creates an alarm message based on the received information of the receiver and causes the alarm message to be displayed on the corresponding display device.

5. The wireless microphone communication system according to any one of claims 1 to 4, wherein each controller is coupled to a corresponding input device;

each controller receives character string information from the corresponding input device and sends the character string information to another controller through the LAN; and

each controller causes the character string information input from the corresponding input device and the character string information from the another controller to be displayed

on the corresponding display device together with the information of the receiver.

6. The wireless microphone communication system according to claim 5, wherein the character string information is displayed as being associated with one information within the information of plural receivers on the display device; and

the character string information is information relating to a receiver corresponding to the one information within the information of the plural receivers.

7. The wireless microphone communication system according to claim 6, wherein the character string information is displayed to have a color identical to a color of the one information within the information of the plural receivers.

8. The wireless microphone communication system according to claim 6, wherein the character string information is located in the vicinity of the one information within the information of the plural receivers on the display device.

9. The wireless microphone communication system according to any one of claims 1 to 8, wherein each receiver receives a control signal from any one of the controllers and changes a setting condition according to the control signal.

10. The wireless microphone communication system according to any one of claims 1 to 9, wherein the controller is configured by a computer.

11. The wireless microphone communication system according to claim 10, wherein one application program running on each computer causes the character string information input

from a corresponding input device and the character string information from another computer to be displayed on one window of the corresponding display device together with the information from the receiver.

12. The wireless microphone communication system according to any one of claims 1 to 11, further comprising:

a television camera;

wherein the television camera is coupled onto the LAN; and

an image from the television camera is displayed on the display device of each controller together with the information of the receiver.

13. The wireless microphone communication system according to claim 12, wherein at least one controller is coupled to a storage means, and causes image information from the television camera and information based on the information of the receiver to be stored in the storage means.

14. The wireless microphone communication system according to any one of claims 1 to 11, further comprising:

a television camera; and

a storage means;

wherein at least one controller of the controllers receives image information from the television camera;

the controller that receives the image information continuously detects information of RF level from the receiver through LAN; and

the controller that receives the image information determines whether or not the

detected RF level is not higher than a predetermined level, and

when determining that the detected RF level is not higher than the predetermined level, the controller causes the image information from the television camera to be stored in the storage means.

15. The wireless microphone communication system according to claim 14, further comprising:

a time measuring means;

wherein the controller that receives the image information receives time information from the time measuring means; and

when determining that the detected RF level is not higher than the predetermined level, the controller that receives the image information causes the image information from the television camera to be stored in the storage means together with the time information from the time measuring means.

16. The wireless microphone communication system according to claim 14 or 15, wherein the controller that receives the image information continuously detects information of the RF level from the receiver through the LAN.